(a) whether the six in house projects of National Institute of Ocean Technology, relating to desalination Technology Power generation, from wave energy, lobster fattening Technology and marine instruments, *etc.* have been commercialized;

(b) if so, how much expenditure has been incurred on each project; and

(c) the gestation period to have earnings from their commercialization?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a) No, Sir. National Institute of Ocean Technology has carried out technology development and demonstration of these projects. Efforts are being made to bring private partnership in this endevour.

(b) The expenditures incurred by government on various projects like Ocean Energy, Marine Instruments, Deep Sea Technology, Coastal and Environments Engineering, and Ocean Science and Technology for Islands are Rs. 5.21 Crore, Rs. 13.10 Crore, Rs. 20.21 crore, Rs. 29.65 crore and Rs. 8.67 crore respectively.

(c) Does not arise.

**Ocean Thermal Energy Conversion Project**

1757. SHRIMATI SYEDA ANWARA TAIMUR:
SHRI VIJAY JAWAHARLAL DARDA:

Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether the National Institute of Ocean Technology's Rs. 35-crore Ocean Thermal Energy Conversion started in 1998, whose cost was further escalated to Rs. 83.49 crores in September 2004, has not been completed so far during the last ten years;

(b) if so, the revised schedule for its completion;

(c) how much expenditure has been incurred so far; and

(d) whether the progress made so far is in commensurate with spending of Rs. 60.82 crores?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a) The revised cost of Rs. 83.49 crores for 1 MW Ocean Thermal Energy Conversion (OTEC) Technology Demonstration project was not approved and recommended for winding up. The project was accordingly discontinued.

(b) Does not arise.

(c) and (d) An expenditure of Rs. 61.13 crores was incurred for this project with the following significant milestones commensurating the expenditure:—

- Design and Development of 1 MW Ocean Thermal Energy Conversion (OTEC) Technology Demonstration Plant
- Four stage axial flow low pressure ratio (1:4) and 1 MW Ammonia Turbine developed for the first time in India

- Capacity building for development and deployment of 1170 meter long and 1 meter diameter pipe along with a single point mooring system with it carried out successfully for the first time in India.
- Shallow water trials were completed and the data were used for OTEC power cycle optimisation. The turbine was test run, developing upto 2750 rpm by evaporating the ammonia and expanding it through the turbine.
- Largest Titanium plate Heat Exchangers with a special stainless steel coating on evaporators — experimented for the first time in India.

**Infiltration from neighbouring countries**

†1758. SHRI AJAY SINGH CHAUTALA: Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether Government is aware of the infiltration from neighbouring countries and the assistance being given to terrorists by them;

(b) if so, the details thereof; and

(c) whether Government proposes to take any stern action in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI SHRIPRAKASH JAISWAL): (a) and (b) India's long and porous border with the neighbouring countries, geographical proximity, family ties and ethnic similarity, coupled with better economic opportunities In India have resulted In illegal migration from neighbouring countries especially from Bangladesh. The Involvement of nationals from neighbouring countries in terrorist acts in India with the support of some local elements has come to the notice of the Government.

(c) The Unlawful Activities (Prevention) Act, 1967 was amended in 2004 to incorporate various provisions to make It a comprehensive anti-terror law. The Government, however, reviews its policies and steps to combat terrorism, Including the relevant laws, so as to calibrate it to respond to the challenge of terrorism in an effective manner. Government have also adopted a multi-pronged approach to contain infiltration from across the borders. This, *inter alia* Includes round the clock surveillance and patrolling on the borders and establishment of observation posts; construction of border fencing and flood lighting; introduction of modern and high tech surveillance equipment; and upgradation of intelligence set up *etc.*

**Amount allocated to Bihar for flood relief**

†1759. SHRIMATI SUSHMA SWARAJ: Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether it is a fact that the recent flood in Bihar has been declared as the natural calamity;

(b) whether it is also a fact that the Prime Minister has made an announcement of giving a package of 1000 crore to deal with this calamity; and

(c) if so, the amount allocated to Bihar so far?

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†Original notice of the question was received in Hindi.